IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Spplicant: Jay Edelberg et al.

Examiner: Group Art Unit: Patricia C. Mallari

Serial No.:

10/690,798

1676.001US2

Filed:

October 21, 2003 Docket:

3735

Title:

ENHANCED BIOLOGICALLY BASED CHRONOTROPIC BIOSENSING

INFORMATION DISCLOSURE STATEMENT

Mail Stop RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 et. seq., the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

Filing Date: October 21, 2003

Tiple: ENHANCED BIOLOGICALLY BASED CHRONOTROPIC BIOSENSING

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications, and Non-Published Applications identifiable by USPTO Serial Number, are no longer required to be provided to the Office. Notification of this change to this effect was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004 and October 19, 2004. Thus, Applicant has not included copies of any US Patents or US Patent Applications identifiable by serial number that may be cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

Respectfully submitted,

SCHWEGMAN, LUNDBERG & WOESSNER, P.A. P.O. Box 2938
Minneapolis, MN 55402

(516) 705 6920

(516) 795-6820

Date May 14, 2008

Robin A. Chadwick

Reg. No. 36,477

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being filed using the USPTO's electronic filing system EFS-Web, and is addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexendria, VA 22313-1450 on this day of May 2008.

 \wedge

Signature

Vame

		OF COMMERC DEMARK OFFIC		DOCKET NO. 3361 (CRF-D-2650A)			IAL NO. 48,064	
STATE	EMENT BY	DISCLOSURE Y APPLICANT E JC,	APPLIC Jay M. E		,	# 15 m. d.	rani na programa di salah di s	المرادي المساوي
(use se (PTO-1449)	version	ts if necessary	FILING May 3, 2			GRO	<u>JAN 1 5 266</u> DUP ART UNIT CUCGY CENTER	
	12		} 	U.S. PATE	NT DOCUMENTS	(4 other	ACCOUNT COMES OF THE	11914
		FENT & TRACE			TI DOCUMENTS			
EXAMINE INITIAL		DOCUM NUMI		DATE	NAME .	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
	AA							
	AB							
	AC					-		
	AD		•		l			
-	AE			-				•
	AF		<u> </u>		 		-	·
	AG	•						
-			·	FOREIGN PAT	TENT DOCUMENTS			
			OCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF
<u> </u>			··				4	APPRO- PRIATE
	AH							
	AI		•					
	AJ							
		0'	THER DOCUM	1ENTS (including /	Author, Title, Date, Pertinent P	Pages, Etc.)		
	AK				c Expression of an Endothelial Co	•	1 di Timu	
0					expression of an Endothelial Copy 138(5): 1117-1124.	ell Gene is riogian	amed by the 11ssue	
	AL				vare Sensor Using Neural Networ	-be for Detection of	en-ti Workload	
.] [í	<i>21:</i> 2204-2298.		He periodi Coniè vivene viveni	KS IOI Delection of	Patiem Workloau,	
1	AM				on of clonidine on secretion from	n the adrenal medul	IIn in door "Rr J F	Therman Oli
		481-486.			a va vicaniana di	I till day wines east and	ia in dogs, Dr. J.	harmuc.yı.
I I	AN	Anversa, I	P., et al., (1989)	"Morphometric analy	lysis of coronary capillaries durin	no nhvsiologic myc	reardial growth and	Indicad
		1			ocirc: Clin Exp 8: 353-363.	16 hrs	ratum Brown	inuucca
A	AO	Bousse, Lu			Sensors and Actuators B 34: 270	/0-275.		
								:
EXAMINER	00		Yellen		DATE CONSID	PERED	• •• *	-
	1gu	~~ ·	1 des			1/02	27) v	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTME PATENT AND TI	NT OF (COMMERCE ARK OFFICE		OCKET NO. 61 (CRF-D-2650A)	\		SERIAL NO.	Sheet 2 of			
INFORMATI	ION DISC	CLOSURE		03/014,004							
STATEMENT	, –	'0 X	APPLICA Jay M. Ed	ANT lelberg et al.		-					
(use soveral s	sheets if	MRKOGERSSE	FILING D May 3, 20				GROUP ART UNIT				
	- STENI	& TRADE		U.S. PATE	NT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	-	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE			
	BA					1		PMAIL			
	ВВ		 								
	BC		 					-			
	BD		 				·				
	BE		<u> </u>		•						
	BF		<u> </u>								
	BG										
				FOREIGN PAT	ENT DOCUMENTS			****			
		DOCUME NUMBE		DATE	COUNTRY	CLAS	S SUBCLASS	TRANS- LATION IF			
								APPRO- PRIATE			
1	ВН				•						

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO-
							PRIATE
1	ВН		•	•			
1	ВІ		1			 	
I	BJ			•			

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

A	BK	Boute, W., et al., (1988, Part II) "Introduction of an Automatic QT Interval Driven Rate Responsive Pacemaker," Pace Vol. 11:
<u>U.,</u>		1804-1814.
ĺ	BL	Brignole, M., et al., (1990, Part II) "Pacing for Carotid Sinus Syndrome and Sick Sinus Syndrome," Pace Vol. 13: 2071-2075.
	ВМ	Celiker, A., et al., (1998, Part I) "Comparison of Normal Sinus Rhythm and Pacing Rate in Children with Minute Ventilation
		Single Chamber Rate Adaptive Permanent Pacemakers," Pace Vol. 21: 2100-2104.
1	BN	Christini, D. J., et al., (2001) "Direct biologically based biosensing of dynamic physiological function," Am. J. Physiol. Heart
		Circ. Physiol 280: H2006-H2010.
V	во	Christini, D.J., et al., (1999) "Practical Real-Time Computing System for Biomedical Experiment Interface," Annals of
		Biomedical Engineering, Vol. 27: 180-186.
XAMINE	R	DATE CONSIDERED

PATENT AND	TRADE	F COMMERCE MARK OFFICE SCLOSURE	ATTY. DOCKE 19603/3361 (CF				09/848	L.NO. ,064	and the second
STATEM	ENT BY A	APPLICANT C	APPLICANT Jay M. Edelberg et al.						
(DTO-1449)	0	f necessary)	FILING DATE May 3, 2001 GROUP AR					PART LINET	HILK HOT
	/	Petron & Traffill		U.S. PATENT D	OCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DAT	E	NAME	CLAS	ss	SUBCLASS	FILING DATE IF APPRO-
	CA	·							PRIATE
	СВ				·	-	- +		•
	CC								
	CD	•					 -		
	CE					- 			
	CF								
	CG					- 			·
			FOR	REIGN PATENT	DOCUMENTS				· · · · · · · · · · · · · · · · · · ·
		DOCUM	ENT		_		-		TRANS-
		NUMBI	ER	DATE	COUNTRY	CL		SUBCLASS	LATION IF APPRO-
	СН					1.0	-		PRIATE
	CI				•			. ,	
	CJ		·						
СК		OTHER			or, Title, Date, Pertinent				
2					Multiple Sensor Options ol. 83(5B): 166D-171D.	: Rate Respon	se Optin	nization, Sensor B	lending, and
. CL	+-								
		3	low-up. Pace Vol		Rate Responsive Pacing S	ystem Driven	by Conti	ractility," Final As	ssessment
СМ						- '		× • •	
		Vol. 16: 1833-18		al Experience wi	th a New Single Chamber	, Dual Sensor	Rate Re	sponsive Pacemak	er," Pace
CN									<u> </u>
	,				rticosteroids in Consciou	s Animals Usi	ng an Ar	ntibody-Based Ele	ctrode,"
\			ology, Vol. 15: 467		I. Ol I C I	. *			· · · · · · · · · · · · · · · · · · ·
1 00		Willen, D.A., et	a., (177/) A B10	sensor that Uses	Ion-Channel Switches," A	lature, Vol. 38	37: 580-5	83.	·
1 00			•						
			· · · · · · · · ·						
CO	4				DATE CONSI	DERED	:		

,PATENT	r and ti	TRADEM	F COMMERCE MARK OFFICE	ATTY. DO 19603/3361	ATTY. DOCKET NO. SERIAL NO					
STAT	TEMEN	T BY A	SCLOSURE DELICANT JC103	APPLICAN Jay M. Edel				,	JAN 1 3 2	
(use (PTO-144	12		f newsary &	FILING DA May 3, 2001				GRO	UP ART UNIT	Little, VI
	+	- BY	TENT & TRADE		U.S. PATENT D	OCUMENTS				•
EXAMI INITIA			DOCUMENT NUMBER	1	DATE	NAME .	CLAS	S	SUBCLASS	FILING DATE IF APPRO- PRIATE
		DA								A Abere
		DB								
		DC				•			* T .2	•
		DD		· ·						
		DE		-	·			·		
		DF	ļ · · · · · · · · · · · · · · · · · · ·	1.	•					
-		DG				•				• • • • • • • • • • • • • • • • • • • •
				•	FOREIGN PATENT	DOCUMENTS				
			DOCUMI NUMBI	BER	DATE	COUNTRY	CLA	rss	SUBCLASS	TRANS- LATION IF
				` .					* * ;	APPRO- PRIATE
		DH							<u> </u>	
		DI			•	•			. ,	
-		DJ								
			OTHER	DOCUMEN	TS (including Autho	or, Title, Date, Pertinent l	Pages, Etc.)	• •		••
0	DK	T	Den Heijer, P.,	et al., (1989)"	'Improved Rate Respo	onsive Algorithm in QT Dri	-iven Pacemal	T	Contraction of Initial	B
4			to Exercise," Pac			22.4.1.20		E15	Valuation of history	Kesponse
1	DL	1.				ine Cardiac Chronotropy b	ov the Molecu	lar Tra	ensfer of the Human	· R.
					J. Clin. Invest., Vol. 10		=		ansier of the Human	
	DM					ecognition into Nanomecha	anics," Scienc	e, Vol.		
++	DN	+	Enlarge D.I. pt :	* WTnenlar	CO-41- Tion					
	D				ntation of Cardiac Tissu Medicine: 273-281.	sue into the Mouse Ear," De	epartment of A	Anaton	ny.	
1,	DO	1	<u> </u>			esponsive Pacemakers," Pa	** * * * * * * * * * * * * * * * * * * *	10		
					M IO 110810111 Tomo 1/2	sponsive racemakers, re	ace Vol. 25: 1	65-173	3.	
EXAMINER	R					DATE CONSID				
	•		•	. Maria		DAIL CO)ERED		•	
					 	<u>• L</u>			n if not in conformar	

PATENT	`AND T	TRADEM	F COMMERCE MARK OFFICE		OCKET NO. 61 (CRF-D-2650A)			SERIA 09/848	•	
STAT	TEMEN	NT BY AI	SCLOSURE APPLICANT JC10	APPLICAN Jay-M. Ede	ANT delberg et al.		-	TIC!	JAN 1.5 Heriogy CE	
(use :	9 6	Valeets II	necessary X	FILING DA May 3, 200					UP ART UNIT	
	T	B	THE TRIBE		U.S. PATEN	NT DOCUMENTS				
EXAMIN INITIA			DOCUMENT NUMBER	•	DATE	NAME	CLASS	3	SUBCLASS	FILING DATE IF APPRO- PRIATE
		EA	· ·					_		
		EB	-	-				_		
<u></u>		EC	· · ·	1.				_		
		ED EE		-				-		
		EF	-	-			-1.	+	. •	•
		EG	 	1.				+		
						Marie Control of the		با		
		-			FOREIGN PATI	ENT DOCUMENTS				
			DOCUME NUMBE		DATE	COUNTRY	CLAS	SS	SUBCLASS	TRANS- LATION IF
		ЕН							,	APPRO- PRIATE
	-	EI	1	——-	ļ. ————————————————————————————————————					
· · · · · · · · · · · · · · · · · · ·	-+	EJ			ļ				 	
		F)								
				. DOCUME	NTS (including A	author, Title, Date, Pertinent	t Pages, Etc.)			
17	EK		Lau, C.P., et al.,	. (1990, Part	I) "Pacemaker Mer	diated Tachycardias In Single	Chamber Rate !	Decuoi	Paring " Pa	- V-1 12.
4			1575-1579.		•			(Cop-	Siveracing	e voi. 13.
	EL-		Leung, S.K., et a	ıl., (1998) "/	An Integrated Dual	Sensor System Automatically		Target	Pate Histogram,"	,
			Pace Vol. 21: 155			•••		.,	Naw sales	
	EM	TI	Luo, L., et al., (1'	.999) "Ion C	hannel Sensor," An	nalytical Letters, 32(7): 1271-	-1286.			
		1					***	-	,	- A
	EN		Makino, S., et al.	., (1999) "C <i>s</i>	ardiomyocytes Can	Be Generated From Marrow	Stromal Cells Ir	n Vitro	o." J. Clin. Invest.,	Vol. 103,
	•		No. 5: 697-705.							
4	EO	. .	Maltsev, V.A., (1	.993) "Embr	yonic Stem Cells [Differentiate In Vitro Into Car	rdiomyocytes Re	presen	iting Sinusnodal,	Atrial and
	·				chanisms of Develop					
EXAMINER						DATE CONSI	IDERED		- 178 · ·	;
FYAMINER	· Initis	-1 : f citati	- considered wh	· · · · · · · ·		rmance with MPEP 609; Drav			* * **	

The second of th

	TRADE	F COMMERCE MARK OFFICE SCLOSURE	ATTY. DOCKET NO. 19603/3361 (CRF-D-2650)	/A)		IAL NO. 48,064				
STATEME	NT BY A	APPLICANT	APPLICANT Jay.M. Edelberg et al.							
(Use severa		I necessary)	FILING DATE May 3, 2001		GRO	UP ART UNIT	13.32 13.30700			
		STEM STREET	U.S. PATI	ENT DOCUMENTS	<u></u>	<u> </u>	211 1101 64			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO-			
	FA					 	PRIATE			
	FB									
<u> </u>	FC									
<u>· · · · · · · · · · · · · · · · · · · </u>	FD									
	FE									
	FF				1		· · · · ·			
	FG									
:			FOREIGN PA	ATENT DOCUMENTS						
		DOCUME NUMBE		COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF			
			-		· .		APPRO- PRIATE			
	FH									
	FI	_		•		1				
	FJ	·			• • • • •					
	: .	OTHER	DOCUMENTS (including	Author, Title, Date, Pertinent Pa	ages, Etc.)					
€ FK		Marshall, A., et al	1., (1998) "DNA Chips: An	Array of Possibilities," Nature Bio	technology, Vol. 1	6· 27-31				
T	-	×		1						
FL		Moura, P.J., et al.,	, (1987, Part I) "Chronotrop	oic Response of an Activity Detecti	ing Pacemaker Con	nnared with the No	rmal Sinus			
	a · -	Node," Pace Vol.		8	, .	inputer trans are ave.	Illai Olius			
		Mulchandani, P.,	et al., (1999) "Biosensor for	Direct Determination of Organop	hosphate Nerve As	pents 1 Potention				
FM	1 .	Mulchandani, P., et al., (1999) "Biosensor for Direct Determination of Organophosphate Nerve Agents. 1. Potentiometric Enzyme Electrode," Biosensors & Bioelectronics 14: 77-85.								
FM		Naessens, M., et al., (1998) "Whole-Cell Biosensor for Direct Determination of Solvent Vapours," Biosensors & Bioelectronics,								
FM FN	-		1., (1998) "Whole-Cell Bios	sensor for Direct Determination of	~ ~ · ~ · ~ · ~ · ~ · ~ · ~ · ~ · ~ · ~	Dicaciacia de Dica	lectronics,			
1				sensor for Direct Determination of						
1		Naessens, M., et al. Vol. 13, No. 3-4: 3	341-346.				and and			
FN		Naessens, M., et al. Vol. 13, No. 3-4: 3 Ogawa, H., et al., (341-346. (1991) "Heart Rate Respons	ses to Autonomic Drugs in Sick Sir			cope and			
FN		Naessens, M., et al. Vol. 13, No. 3-4: 3 Ogawa, H., et al., (341-346.	ses to Autonomic Drugs in Sick Sir	nus Syndrome – Co		cope and			

e en commence en sous de la commence de la commenc

PATENT AN	ID TRADE!	COMMERCE MARK OFFICE		OCKET NO. 1 (CRF-D-2650A)			IAL NO. 48,064	تر المحادث الم
STATE	MENT BY A	SCLOSURE PPLICANT JC70	APPLICAL Jay-M. Ede			÷	15 15 78	in di
(use sev (PTO-1449)	ofal Spects i	8 Mills E	FILING DATE May 3, 2001				UP ART UNIT	
	JAN THE			u.s. paten	T DOCUMENTS	· ·		<u> </u>
EXAMINE INITIAL		DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
	GA	•						IMAIL
	GB							
	GC							
	GD		ļ. ·					
	GE			-				
	GF							• 1
	GG							
				FOREIGN PATI	ENT DOCUMENTS			
		DOCUM NUME		DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF
	GH	·				.:	·	APPRO- PRIATE
	GI						 	
-	GJ			-				· ·
	0,			•	-			
		ОТНЕ	R DOCUME	NTS (including A	uthor, Title, Date, Pertinent	Pages, Etc.)		
G	к	. Owicki, J.C., et	al., (1992) "I	Biosensors Based o	n the Energy Metabolism of I	iving Cells: The Ph	ysical Chemistry an	d Cell
7		Biology of Extr	acellular Acid	dification," Biosens	ors & Bioelectronics 7: 255-2	272.		
/ G	L	Pancrazio, J.J.,	et al., (1999)	"Development and	Application of Cell-Based Bi	osensors," Annals o	f Biomedical Engine	ering,
		Vol. 27: 697-71	1.					
G	м	Rendell, M.S., e	t al., (1998) '	The Relationship of	of Laser – Doppler Skin Blood	l Flow Measuremen	ts to the Cutaneous	
		Microvascular A	Anatomy," Mi	crovascular Resea	rch 55: 3-13.		· · · · · · · · · · · · · · · · · · ·	
G	И	Rivard, A., et al	., (1999) "Ag	e-Dependent Impai	rment of Angiogenesis," Circ	rulation 99(1): 111-	120.	
G	, .	Podriovani D.D.	-4 -1 (1000	\ (1) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	a		· · · · · · · · · · · · · · · · · · ·	
1/ 1/0	,	Avaiguez, K.D.	, et al., (1990) Update on Sick	Simile Syndrome a Cardiac D	isorder of Aging," C	eriatrics, Vol. 45,	·
7.	1 .				omas bynarome, a Cardiac D			
·		No. 1: 26-36.				DEDED		· · · ·
EXAMINER					DATE CONSI	DERED		

considered. Include copy of this form with next communication to applicant.

PATENT AND	TRADE	F COMMERCE MARK OFFICE	ATTY. DOC 19603/3361	CKET NO. (CRF-D-2650A)			SERIAL NO. 09/848,064				
STATEMI	ENT BY A	SCLOSURE APPLICANT C f necessary	APPLICAN Jay M. Edell			A Comment of the Comm					
1.	` `	O THE WAY	FILING DA' May 3, 2001				UP ÂRT UNIT	:52 -> 2010)"			
1	JAN PATT	and the same of th	U.S. PATENT DOCUMENTS			+ + + + + + + + + + + + + + + + + + +	LUCY CENT	, initial			
EXAMINER INITIAL		DOCUMENT NUMBER	i	PATE .	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO-			
	НА				· · · · · · · · · · · · · · · · · · ·			PRIATE			
	нв										
	нс										
	HD										
	HE				-						
	HF										
	HG							•			
			1	FOREIGN PATEN	T DOCUMENTS						
		DOCUM NUMB	ER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF			
······································	·							APPRO- PRIÂTE			
	HH							• •			
	HI		-			· · · · · · · · · · · · · · · · · · ·		10 x 1 x			
	нл				·						
		OTHER	DOCUMEN	TS (including Auti	hor, Title, Date, Pertinent	Pages, Etc.)	• (c + x - x - x - x - x - x - x - x - x - x				
		Rowe-Taitt, C.A	L, et al., (2000)) "Array Biosensor	for Detection of Biohazards	," Biosensors & Bio	electronics 14:-785	-794.			
4	_			»-	-						
HL	1	Strobel, J.S., et a	ıl., (2000) "Pro	gramming of Senso	or Driven Pacemakers," MD	Consult - Journal A	rticle, Vol. 18, No.	<i>I</i> : 1-22.			
	-										
НМ		Sugiura, T., et al	., (1998) "A S	elf-Tuning Effect of	Membership Functions in	a Fuzzy-Logic-Base	d Cardiac Pacing S	ystem,"			
 					ol. 22, No. 3: 137-143.		- 1	-1			
HN		Sutton, R., et al.,	(1986, Part II)	"The Natural Histo	ory of Sick Sinus Syndrome	," Pace Vol. 9: 1110	-1114.				
НО		Updike S I at a	1 (2000) "A S	luboutaneous Clu-	co Congo Wish T						
4				ol. 23, No. 2: 208-21	se Sensor With Improved L	ongevity, Dynamic	Kange, and Stabilit	y of			
XAMINER	<u>!</u> -			- 23, 110. 2. 206-2		DEDED -					
				¢.	DATE CONSII	JEKEU					

PATENT AND	TRADE	F COMMERCE MARK OFFICE	ATTY. DOC 19603/3361	KET NO. (CRF-D-2650A)	-		IAL NO. 48,064			
STATEMI	ENT BY A	SCLOSURE APPLICANT E JC,		APPLICANT Jay M. Edelberg et al.						
(use sever (PTO-1449)	al steens i	Trecessary	FILING DATE May 3, 2001				JAM 2 5 2002 GROUP ART UNIT TECHNOLOGY CENTER ROTOR			
	1	STENT & TRANSPORT		U.S. PATENT	DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME .	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE		
	IA	· · · · · · · · · · · · · · · · · · ·								
	IB									
	IC									
	ID		· ·				,			
	IE							·		
	IF									
	IG									
			F	OREIGN PATEN	T DOCUMENTS		· ·			
		DOCUMI NUMBI		DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO-		
	IH							PRIATE		
	ш									
	ת				•		<u> </u>			
	17									
		OTHER	DOCUMENT	S (including Aut)	nor, Title, Date, Pertinent P	ages, Etc.)				
		. Wang, T.L., et al	., (1994) "Sick	Sinus Syndrome a	s the Early Manifestation of	Cardiac Hemochro	matosis," Journal o	f		
		Electrocardiolog								
] IL		Windecker, S., et	al., (1998) "T	wo-Year Experience	e with Rate-Modulated Paci	ng Controlled by M	lixed Venous Oxyg	en ·		
<u> </u>		Saturation," Pace								
IM		Wong, K.K., (199	93) "Vascular I	Effects of Low and	High Doses of Clonidine in	Rats," Artery 20(4)	: 180-188.			
					• •	1				
IN							1-			
+++-						•		•		
10			-			-	*.			
(A) (D) ED			•	· ·		<u> </u>	• • • • • • •			
	-	* * *			DATE CONSIDI	EDED				
(AMINER					DATE CONSIDI	CRED				

e to the contract of the second secon